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**To:** Commissioner for Patents

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Examiner: Murphy, Joseph F.

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OFFICIAL

**From:** Maria Laccootripe Zacharakis, Ph.D.

**Phone:** (617) 227-7400

**Fax:** (617) 742-4214

**Attorney Docket No.:** MNI-070CP4

**Serial No.:** 09/670,756

**Group Art Unit:** 1646

**Date:** March 14, 2003

**Sent By:** Jenn Torpey

**Pages including this**

**cover page:** 20

**Message:**

PLEASE ENTER and DELIVER TO EXAMINER J. MURPHY AT  
GROUP ART UNIT 1646

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In re the application of  
 Serial No. 09/670,756  
 Filed: September 27, 2000  
 For: Potassium Channel Interactors and Uses Therfor  
 Inventors: Rhodes, K., *et al.*

Case Docket No. MNI-070CP4

COMMISSIONER FOR PATENTS  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing in connection with the above-identified application are the following:

- Amendment and Response to Office Action (14 pages) (in duplicate);
- Request for a One-Month Extension of Time (1 pages) (in duplicate); and
- A Statement of Limited Recognition Under 37 C.F.R. §10.9(b) for Maria Lacco tripe Zacharakis, Ph.D. (1 page).

The fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDT FEE	RATE	ADDT FEE
TOTAL	20	MINUS	** 24	= 0	18 -	\$ 00	18 -	\$ 00
INDEP.	8	MINUS	*** 12	= 0	18 -	\$ 00	18 -	\$ 00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM								
					140 =	\$ 00	280 =	\$ 00
					TOTAL ADDT. FEE	\$ 00	TOTAL	\$ 00

\* If the entry in Col 1 is less than the entry in Col 2, write "0" in Col 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

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The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col 1 of a prior amendment or the number of claims originally filed.

- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
  - Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
  - Any patent application processing fees under 37 CFR 1.17.
- Please charge any additional fees or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed. Applicants request any extensions of time necessary to respond.

CERTIFICATE OF FACSIMILE TRANSMISSION

Patent Office - Washington, D.C.

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington, DC 20231 on

March 14, 2003

Date

*M. Lacco tripe*  
 Maria Lacco tripe Zacharakis, Ph.D.  
 Limited Recognition Under 37 C.F.R. §10.9(b)

LAHIVE & COCKFIELD, LLP

*M. Lacco tripe*  
 Maria Lacco tripe Zacharakis, Ph.D.  
 Limited Recognition Under 37 C.F.R. §10.9(b)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rhodes, K. *et al.*

Serial No.: 09/670,756

Filed: September 27, 2000

For: *POTASSIUM CHANNEL INTERACTORS AND USES THEREFOR*

Attorney Docket No.: MNI-070CP4

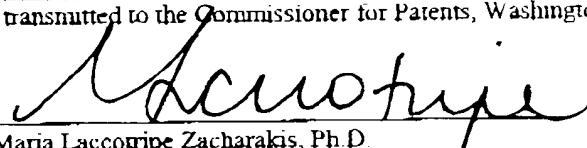
Group Art Unit: 1646

Examiner: Murphy, Joseph F.

Commissioner for Patents  
Washington, D.C. 20231Certificate of Facsimile Transmission

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

By:

March 14, 2003  
Date of Signature  
Maria Laccottipe Zacharakis, Ph.D.  
Attorney for Applicants  
Limited Recognition Under 37 C.F.R. §10.9(b)AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir,

This communication is submitted in response to the Office Action dated December 13, 2002 (Paper No. 14) which issued in the above referenced application. A request for the appropriate extension of time is being filed herewith. Responsive to the office action, please amend the above identified application as follows.

In the claims:

Please cancel claims 55, 56, 59 and 60, without prejudice, and amend claims 8, 10, 57-58, and 61-65 as follows.

\* (Amended) An isolated polypeptide comprising at least 10 contiguous amino acids of the amino acid sequence of SEQ ID NO:20.